
ABSTRACT OF THE DISCLOSURE

The present invention provides a water activating apparatus having a relatively simple structure without the possibility of water leakage and achieving highly efficient activation. An N pole of the permanent magnet and an S pole of the other magnet are vertically arranged above and below a water flow tube so as to be opposed to each other. Concave yokes are formed by molding magnetic metal or magnetic ceramic, with one yoke being attached to encase the N pole of the permanent magnet and the other yoke being attached to encase the S pole of the other permanent magnet. The vertically-arranged concave yokes have a gap therebetween so as not to make a contact at their ends with each other. Furthermore, a non-magnetic conductive metal layer is provided inside the concave yokes. Water is caused to pass through the water flow tube in a direction perpendicular to a direction of magnetic lines of force and a direction of an electromotive current.

Description of Reference Numerals

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| 1 | water flow tube |
| 2 | N pole of a permanent magnet |
| 3 | S pole of the permanent magnet |
| 4 | concave yoke |
| 5 | end of the concave yoke |
| 6 | transferred polarity of the concave yoke |
| 7 | direction of magnetic lines of force |
| 8 | direction of a flow of water |
| 9 | direction of a electromotive current |
| 10 | non-magnetic conductive metal layer |
| 11 | box |
| 12 | activating apparatus |
| 14, 15 | water tank |
| 16 | raw water |
| 17 | hard polyvinyl chloride tube |
| 18 | pump |